

Fusion3

EDGE 3D Printer

F200 3D Printer

MAINTENANCE:

INSTALLING FIRMWARE UPDATES

Revision 7/1/2025

INSTALLING FIRMWARE UPDATES

How to update firmware on the EDGE & F200.

LINK TO FIRMWARE UPDATE FILE

A link to the firmware file will be provided to you separately.

DOWNLOADING & INSTALLING THE UPDATE

Firmware updates are quick and easy on Fusion3 printers:

1. You'll receive a notification (direct email, notification on Fusion3 website, interaction with Support team) that a firmware update is available.
2. This update will come in the form of a .zip file called "*fusionware.zip*". It may also have a version number in the file name eg "*fusionware X.x.zip*", or "*dsf-update.zip*".
3. **DO NOT** unzip or extract the contents of the file!

Applying the Update Via Network Upload (Recommended)

REMOVE ALL EXTERNAL USB DRIVES BEFORE INSTALLING THE UPDATE

1. Navigate to your printer's IP address in your computer's web browser like you normally do to run the printer.
2. Click "*START PRINT*".
3. In the file selection box, change the filter to "*all file types*", if you don't see your zip file.
4. Select the .zip you downloaded.
5. Click "Upload".
6. Nothing will appear to happen for about 3 min. **THIS IS NORMAL. DO NOT DO ANYTHING ELSE TO YOUR PRINTER DURING THIS TIME.**
7. The printer will apply the update. There are multiple stages to the update process:
 - a. The printer will display a "please wait while updates are installed" message with a cycling progress bar.
 - b. After stage 1, the printer will display a message that "Updates were successful". Press "OK", but continue to wait.

- c. Let the printer sit for at least 3 minutes. You may see it display an "Updating" or "Reconnecting" message once more.

Applying the Update Via USB Stick

1. Copy the file you downloaded to a USB drive and insert this drive into the port on the front of EDGE (or the rear of the F200). You will need to rename the file to "*fusionware.zip*", with no version string and with a lowercase f.
2. Press "*START PRINT*" on the control panel. Navigate to the external USB drive.
3. Select the "*fusionware.zip*" file.
4. The printer will apply the update. There are multiple stages to the update process:
 - a. The printer will display a "Please wait while updates are installed" message with a cycling progress bar.
 - b. After stage 1, the printer will display a message that "Updates were successful". Press "OK", but continue to wait.
 - c. Let the printer sit for **at least 3 minutes**. You may see it display an "Updating" or "Reconnecting" message once more.

NOTE: Firmware updates may also include updated onboard documentation and changes to the user interface

IF YOU ENCOUNTER ERROR MESSAGES AFTER UPDATING

If you see new or unusual error messages in red popups, don't panic! In 99% of cases this can be solved by doing the following:

1. Power cycle the machine (completely off, wait 10 sec, power on).
2. Go to the *Console* screen again.
3. Repeat the "*M997 S0*" command as described above.
4. Wait 30 seconds, then power cycle the machine again.
5. If this doesn't solve your issue, repeat the firmware update process from step 3.
6. If, after installing the update twice, you still see red error messages when the printer starts, or when trying to run a print, contact Customer Support.